

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A flexible tubular pipe for transporting fluids, ~~particularly gaseous hydrocarbons~~; the pipe being of the unbonded type and comprising from inside outward at least a carcass (2), a polymer internal sealing sheath operative to provide (3) ~~providing~~ sealing for the transported fluid and one or more armor layers, (5) ~~and in which the carcass (2), being situated inside the internal sealing sheath, (3) consists of the carcass comprising an~~ interlocked spiral winding of a profiled element, (7), characterized in that the winding comprising turns of the carcass, an anti-turbulence sheath (2) are internally covered with a sheath (30) covering the turns of the winding, the anti-turbulence sheath being pierced with holes (31) that is intended to oppose turbulence of the fluid flowing in the pipe.

2. (Currently Amended) The pipe as claimed in claim 1, wherein ~~in which~~ the turns of the carcass (2) form internal discontinuities (9) between successive turns, the sheath is positioned such that them, characterized in that the holes (31) in the pierced sheath (30) are situated partially at the internal discontinuities (9) between the turns ~~[[and]]~~ such that the holes prevent the antiturbulence sheath (30) from collapsing if the interior of the pipe is decompressed.

3. (Currently Amended) The pipe as claimed in claim 2, wherein ~~characterized in that~~ at least 30% of the holes are partially situated at the internal discontinuities (9) between the turns.

4. (Currently Amended) The pipe as claimed in ~~either one of claims 2 and 3, characterized in that~~ claim 2, wherein the pierced sheath partially collapses at the internal discontinuities (9) between the turns.

5. (Currently Amended) The pipe as claimed in claim 1, wherein ~~any one of claims 1 to 4,~~ characterized in that the holes are oblong in shape.

6. (Currently Amended) The pipe as claimed in ~~any one of claims 1 to 5,~~ characterized in that claim 1, wherein the holes (31) have a mean diameter of between 1 and 8 mm.

7. (Currently Amended) The pipe as claimed in claim 1, wherein ~~any one of claims 1 to 6,~~ characterized in that the holes (31) are positioned longitudinally in an offset manner along the anti-turbulence sheath and the pipe.

8. (Currently Amended) The pipe as claimed in ~~any one of claims 1 to 7,~~ characterized in that claim 1, wherein the holes (31) are positioned with a spacing of between 5 and 100 mm.

9. (Currently Amended) The pipe as claimed in ~~any one of claims 1 to 8,~~ characterized in that claim 1, wherein the antiturbulence sheath is a polymer sheath (30) ~~is reinforced with fiber or~~ with a latticework.

10. (New) The pipe as claimed in claim 2, wherein the holes are oblong in shape.

11. (New) The pipe as claimed in claim 2, wherein the holes have a mean diameter of between 1 and 8 mm.

12. (New) The pipe as claimed in claim 2, wherein the holes are positioned longitudinally in an offset manner along the anti-turbulence sheath and the pipe.

13. (Currently Amended) The pipe as claimed in claim 2, wherein the holes ~~(31)~~ are positioned with a spacing of between 5 and 100 mm.